

To Customers;

EOL plan of select packages of Low Power SRAMs

Affected Part Number:

32pin TSOP type-I	32pin TSOP type-II
R1LP0108ESF-5SI#B1	R1LP0408DSB-5SI#B1
R1LP0108ESF-5SI#S1	R1LP0408DSB-5SI#S1
R1LV0108ESF-5SI#B1	RMLV0408EGSB-4S2#AA1
R1LV0108ESF-5SI#S1	RMLV0408EGSB-4S2#HA1

This document describes additional information related to the official EOL notice.

November 1, 2025

Standard Products Department, Standard Products Division,
Analog & Connectivity Product Group,
Renesas Electronics Corporation

No. CST-R2-AE379

Low Power SRAM: EOL of select packages

1. Affected Orderable Part Number

Discontinued Package	Density / Voltage	Affected Orderable Part Number	Carrier type
32pin TSOP type-I (8mm x 20mm)	1Mb / 5V	R1LP0108ESF-5SI#B1	Tray
		R1LP0108ESF-5SI#S1	Tape & Reel
	1Mb / 3V	R1LV0108ESF-5SI#B1	Tray
		R1LV0108ESF-5SI#S1	Tape & Reel
32pin TSOP type-II (20.95mm x 11.76mm)	4Mb / 5V	R1LP0408DSB-5SI#B1	Tray
		R1LP0408DSB-5SI#S1	Tape & Reel
	4Mb / 3V	RMLV0408EGSB-4S2#AA1	Tray
		RMLV0408EGSB-4S2#HA1	Tape & Reel

2. Background of EOL

Since the production volume of the target package has decreased significantly, and it has become difficult to ensure continuous support. We will proceed with the consolidation to alternative packages for the purpose of stable supply.

3. EOL schedule

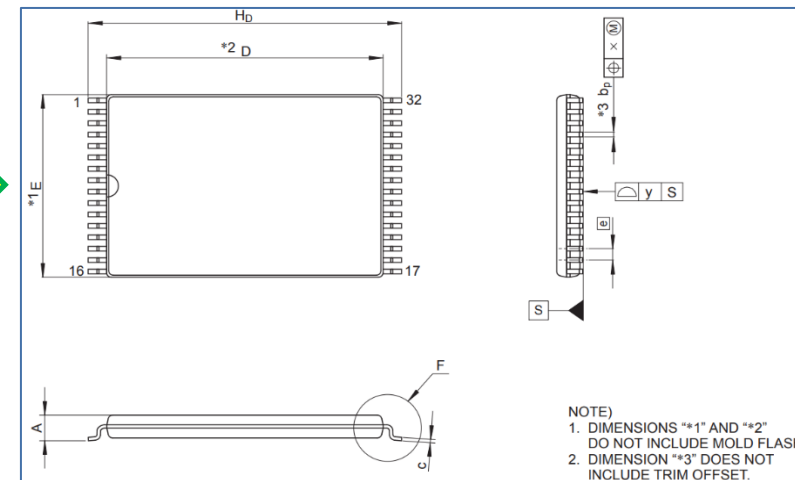
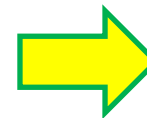
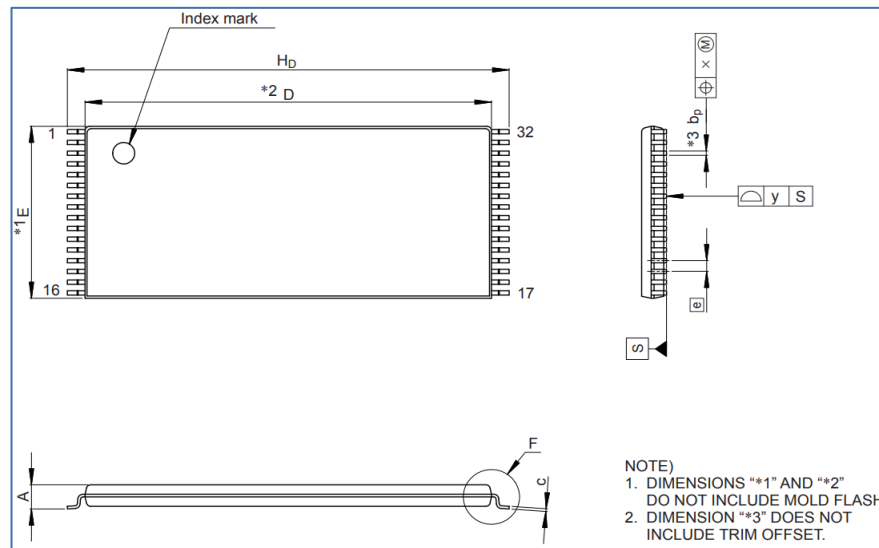
Nov. 1, 2025: EOL announcement

Apr. 30, 2026: LTB Order

Oct. 31, 2026: Last Time Shipment

Proposed Alternatives 1-1 (Renesas products)

Discontinued Package	Discontinued OPN	Alternative OPN	Alternative Package
32pin TSOP type-I (8mm x 20mm)	R1LP0108ESF-5SI#B1	R1LP0108ESA-5SI#B1	32pin sTSOP (8mm x 13.4mm)
	R1LP0108ESF-5SI#S1	R1LP0108ESA-5SI#S1	
	R1LV0108ESF-5SI#B1	R1LV0108ESA-5SI#B1	
	R1LV0108ESF-5SI#S1	R1LV0108ESA-5SI#S1	



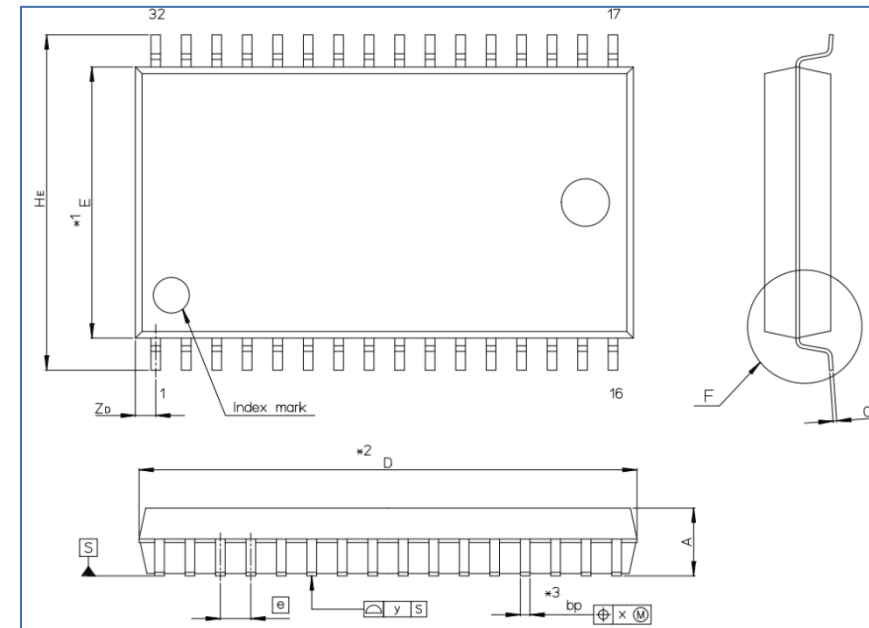
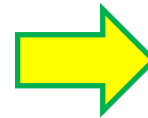
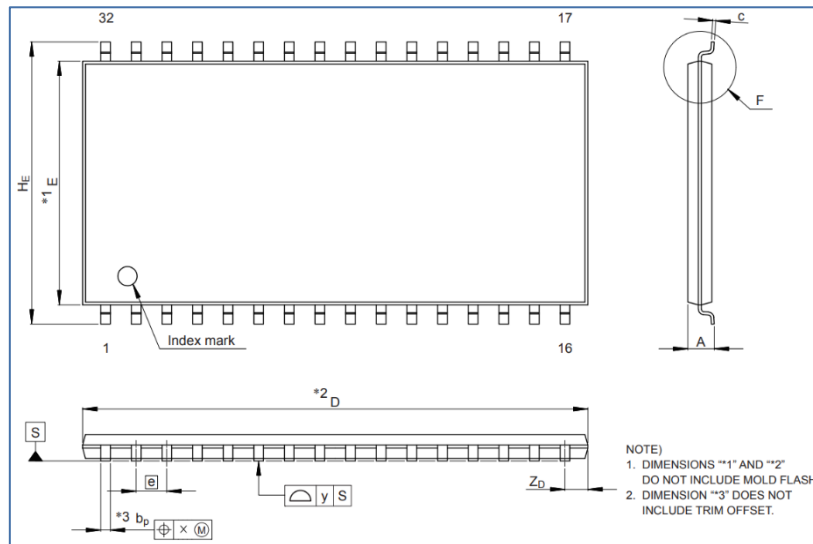
Unit: mm

package type	Area = E x HD	E (nom.)	HD (nom.)	D (nom.)	A (max.)	[e] (nom.)
32pin TSOP-I	160.0 mm ²	8.0	20.0	18.4	1.2	0.5
32pin sTSOP	107.2 mm ²	8.0	13.4	11.8	1.2	0.5

- 33% area reduction in package footprint
- Identical lead pitch (0.5mm)
- PCB wiring layout needs to be changed

Proposed Alternatives 1-2 (Renesas products)

Discontinued Package	Discontinued OPN	Alternative OPN	Alternative Package
32pin TSOP type-II (20.95mm x 11.76mm)	R1LP0408DSB-5SI#B1	R1LP0408DSP-5SI#B1	32pin SOP (20.75mm x 14.10mm)
	R1LP0408DSB-5SI#S1	R1LP0408DSP-5SI#S1	
	RMLV0408EGSB-4S2#AA1	RMLV0408EGSP-4S2#CA1	
	RMLV0408EGSB-4S2#HA1	RMLV0408EGSP-4S2#HA1	



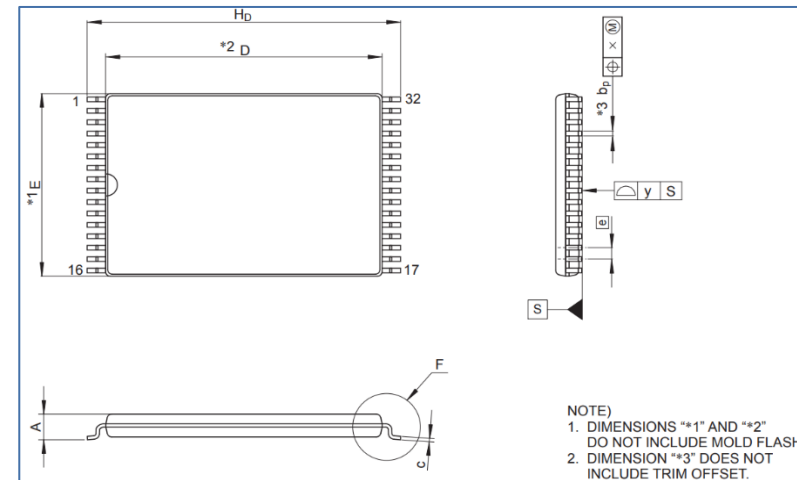
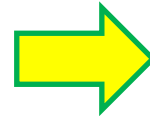
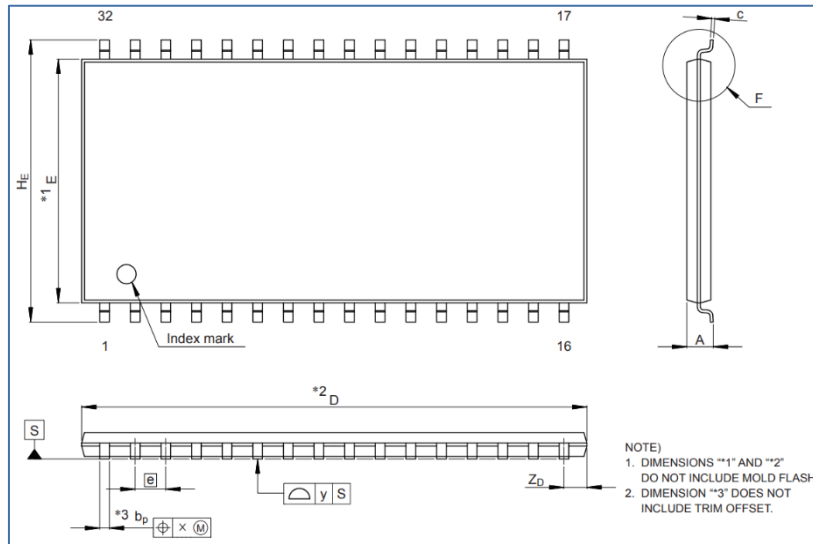
Unit: mm

package type	Area =D x HE	D (nom.)	HE (nom.)	E (nom.)	A (max.)	[e] (nom.)
32pin TSOP-II	246.4 mm ²	20.95	11.76	10.16	1.2	1.27
32pin SOP	292.6 mm ²	20.75	14.10	11.4	3.05	1.27

- Identical lead pitch (1.27mm)
- Increased package area and thickness
- PCB wiring layout needs to be changed

Proposed Alternatives 1-3 (Renesas products)

Discontinued Package	Discontinued OPN	Alternative OPN	Alternative Package
32pin TSOP type-II (20.95mm x 11.76mm)	RMLV0408EGSB-4S2#AA1	RMLV0408EGSA-4S2#AA1	32pin sTSOP (8mm x 13.4mm)
	RMLV0408EGSB-4S2#HA1	RMLV0408EGSA-4S2#KA1	



package type	Area =D x HE	D (nom.)	HE (nom.)	E (nom.)	A (max.)	[e] (nom.)
32pin TSOP-II	246.4 mm ²	20.95	11.76	10.16	1.2	1.27
package type	Area =E x HD	E (nom.)	HD (nom.)	D (nom.)	A (max.)	[e] (nom.)
32pin sTSOP	107.2 mm ²	8.0	13.4	11.8	1.2	0.5

Unit: mm

- 56% area reduction in package footprint
- Reduced lead pitch (1.27 mm to 0.5 mm)
- PCB wiring layout needs to be changed

Proposed Alternatives 2 (competitors' products)

- As reference information based on current publicly available information, alternatives from other companies are shown.
- The dimensions and tolerances of each part of the package may differ from our products. In addition, including checking the compatibility of electrical characteristics, please be sure to check the latest product information and availability of each company before deciding whether to replace it.

Renesas		Cross-referenced part	
Discontinued Package	Discontinued OPN	Infineon (Cypress)	ISSI
32pin TSOP type-I (8mm x 20mm)	R1LP0108ESF-5SI#B1	CY62128ELL-45ZXI	IS62C1024AL-35TLI
	R1LP0108ESF-5SI#S1	CY62128ELL-45ZXIT	IS62C1024AL-35TLI-TR
	R1LV0108ESF-5SI#B1	CY62128EV30LL-45ZXI	IS62WV1288FBLL-45TLI
	R1LV0108ESF-5SI#S1	CY62128EV30LL-45ZXIT	IS62WV1288FBLL-45TLI-TR
32pin TSOP type-II (20.95mm x 11.76mm)	R1LP0408DSB-5SI#B1	CY62148ELL-45ZSXI, CY62148G-45ZSXI	IS62C5128EL-45TLI
	R1LP0408DSB-5SI#S1	CY62148ELL-45ZSXIT, CY62148G-45ZSXIT	IS62C5128EL-45TLI-TR
	RMLV0408EGSB-4S2#AA1	CY62148EV30LL-45ZSXI, CY62148G30-45ZSXI	IS62WV5128EBLL-45T2LI, IS62WV5128EBLL-45T2LI
	RMLV0408EGSB-4S2#HA1	CY62148EV30LL-45ZSXIT, CY62148G30-45ZSXIT	IS62WV5128EBLL-45T2LI-TR, IS62WV5128EBLL-45T2LI-TR

[Renesas.com](https://www.renesas.com)